



4-14-04

PATENT  
020402CON

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Henrichs, Joseph Reid )  
Serial No.: 10/667,761 ) Examiner:  
Filing Date: September 22, 2003 ) Art Unit: 2828

Title: VERTICAL CAVITY SURFACE EMITTING LASER THAT USES INTRACAVITY  
DEGENERATE FOUR-WAVE MIXING TO PRODUCE PHASE-CONJUGATED  
AND DISTORTION FREE COLLIMATED LASER LIGHT

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicant, in accordance with his duty of disclosure pursuant to 37 C.F.R. § 1.56, hereby advises the United States Patent and Trademark Office of the references listed on the accompanying form PTO/SB/08. Copies of the non-U.S. references are enclosed.

Applicant notes that although the cited references may be relevant to the examination of the above-referenced application, under 37 C.F.R. § 1.97(h), the filing of this *Information Disclosure Statement* "shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b)."

Applicant submits that no fee is necessary for consideration of this *Information Disclosure Statement* under 37 C.F.R. § 1.97(b)(3) because an Office Action on the merits has

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not yet been mailed. Nevertheless, the Commission is hereby authorized to charge Account No. 11-1110 for any fees necessary for consideration of this *Information Disclosure Statement*.

Respectfully submitted,

Date: Apr. 13, 2004

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/667,761
(use as many sheets as necessary)				Filing Date	Sept. 22, 2003
				First Named Inventor	Henrichs, Joseph Reid
				Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	020402CON

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		4,220,928	Sep., 1980	Bloom et al.	
		4,233,571	Nov., 1980	Wang et al.	
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		2003/0160254	Aug. 2003	Henrichs	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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